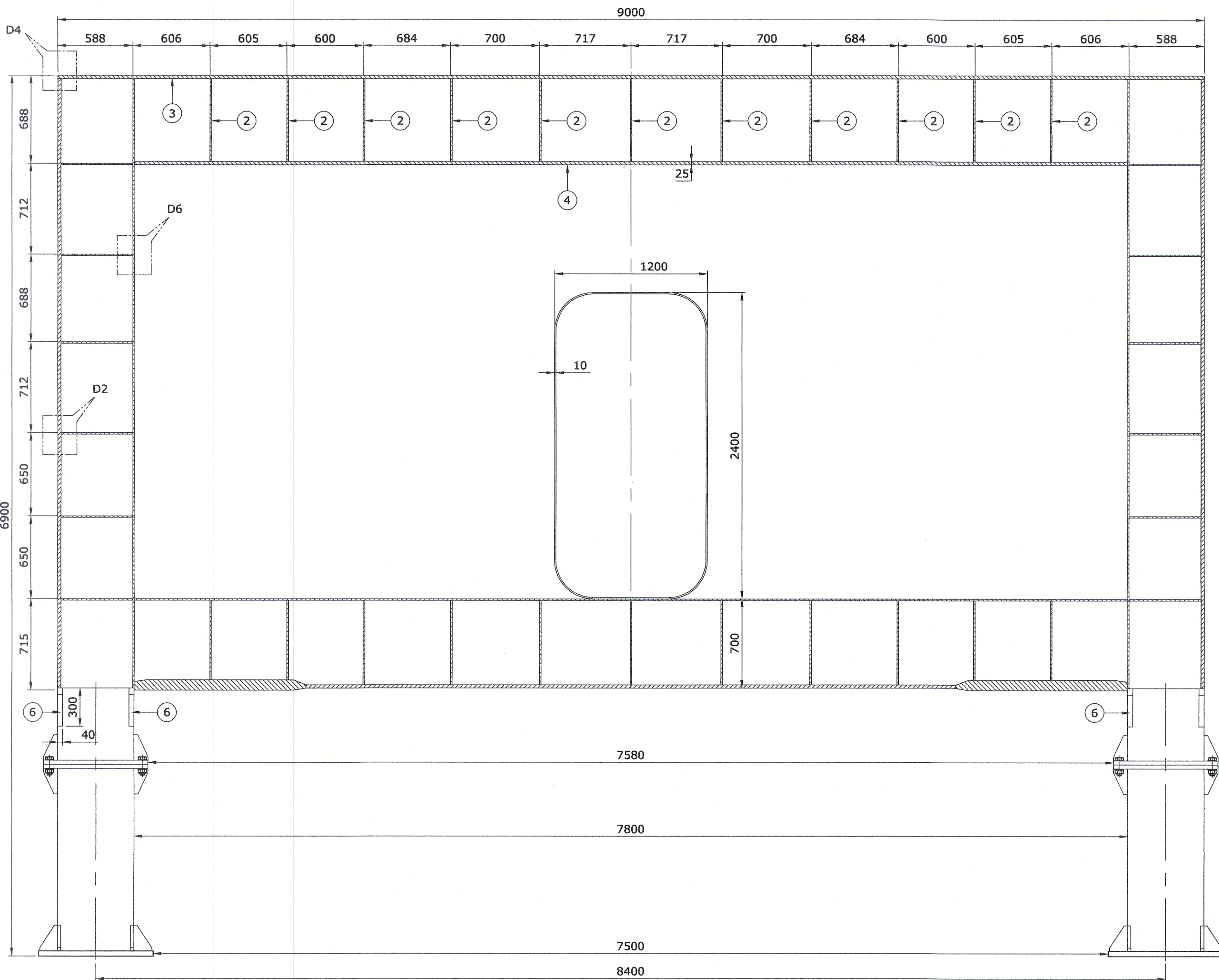
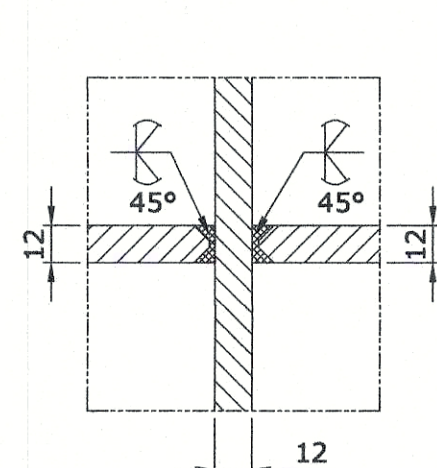


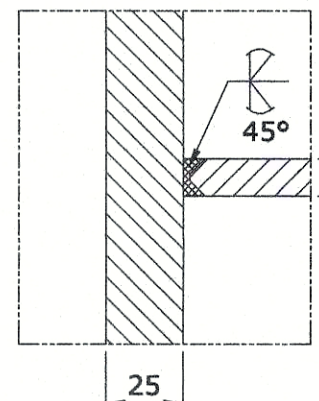
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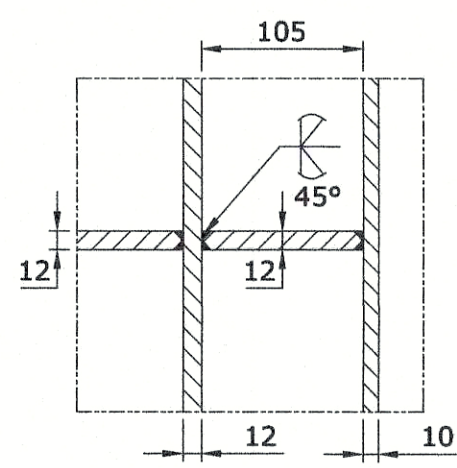
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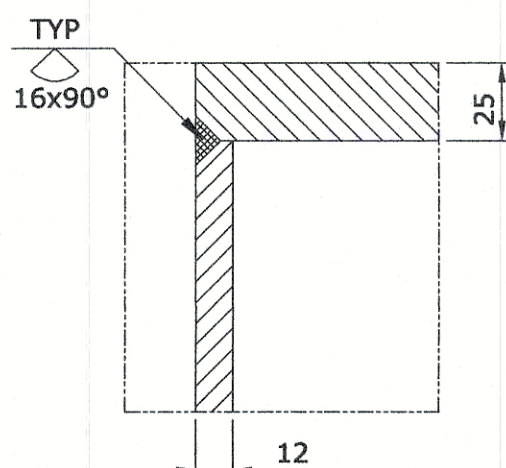
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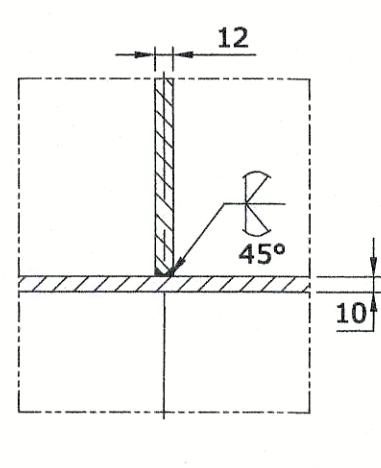
DETAIL : D2 (TYP)



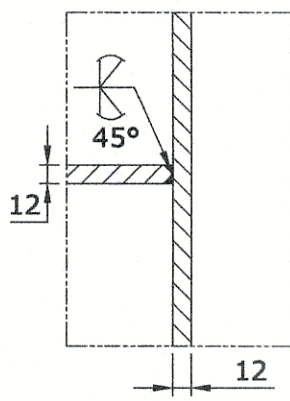
DETAIL : D3 (TYP)



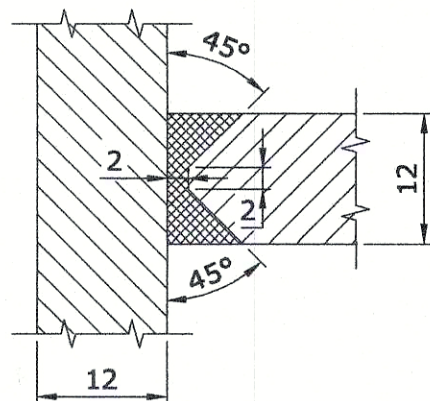
DETAIL : D4 (TYP)



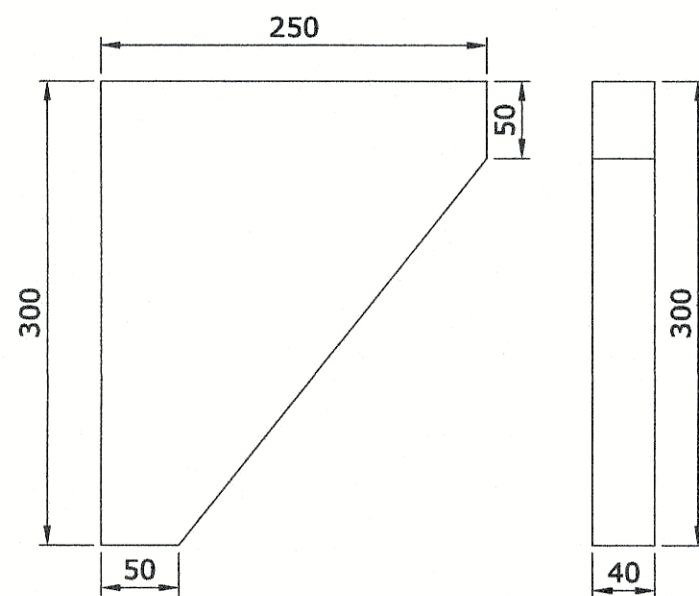
DETAIL : D5 (TYP)



DETAIL : D6 (TYP)



BUTT WELD (TYP)



PART NO : 6

NOTES:-

1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
6. FINAL MACHINING SHALL BE CARRIED OUT AFTER STRESS RELIEVING.
7. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATION.

STATUS	SIGN	DATE
DISCUSSION / REVIEW		
TENDER PURPOSE		9/10/23
FABRICATION		
UNRESTRICTED	RESTRICTED	CONFIDENTIAL
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DO NOT SCALE THE DRAWING
ASK IF IN DOUBT
UNLESS OTHERWISE SHOWN
ALL DIMENSIONS ARE IN MILLIMETERS
REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 8 - 25 ▽ 1.6 - 8
▽▽ 0.025 - 1.6 ▽▽▽ < 0.025

DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)	
DIAMETERS & LENGTHS	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL.
UPTO & INCL. 6 ±0.1	
6 - 30 ±0.2	
30 - 120 ±0.3	
120 - 315 ±0.5	1- 6 ± 1°-00
315 - 1000 ±0.8	6- 30 ± 0°-30
1000 - 2000 ±1.2	30-120 ± 0°-20
2000 - 4000 ±2.0	120-400 ± 0°-10
4000 & ABOVE ±3.0	

SCEND

SHAR CENTRAL DESIGNS

DESIGNED

DRAWN

DRG.CHECKD

APPROVED

SIGN. DATE

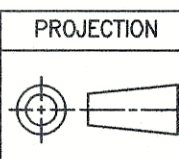
TOTAL WEIGHT 15043 kg(Approx.)				
7	PLATE 3578 x 650 x 16Thk	IS : 2062 E250 Gr : B	2	584
6	STIFFENER 300 x 250 x 40	IS : 2062 E250 Gr : B	8	188
5	PLATE 8375 x 676 x 12Thk	IS : 2062 E250 Gr : B	3	1600
4	PLATE 8375 x 2988 x 25Thk	IS : 2062 E250 Gr : B	1	4911
3	PLATE 9000 x 3000 x 25Thk	IS : 2062 E250 Gr : B	1	5299
2	PLATE 3576 x 650 x 12Thk	IS : 2062 E250 Gr : B	9	1971
1	PLATE 700 x 676 x 12Thk	IS : 2062 E250 Gr : B	11	490
S.NO	DESCRIPTION	MATERIAL	QTY	W.T
REMARKS				

TITLE SECTIONAL DETAILS OF S5-S5 & S6-S6 OF MLP (SLC PROJECT)

GOVERNMENT OF INDIA
INDIAN SPACE RESEARCH ORGANISATION
SATISH DHAWAN SPACE CENTRE SHAR
SRIHARIKOTA

SCALE 1 : 25

DRG. NO. 10-STR-12-1-23/A1

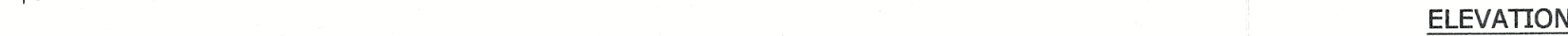


SHEET 5

OF 14







Abstract



1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
6. FINAL MACHINING SHALL BE CARRIED OUT AFTER STRESS RELIEVING.
7. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATION.

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MENTIONED THEREIN. THIS IS NOT TO BE COPIED
OR USED FOR OTHER WORKS / PROJECTS UNLESS
EXPRESSLY PERMITTED BY SDSC-SHAR.

MACHINING FINISH IN MICRONS		
	8 - 25	
	0.025 - 1.6	

1000 - 2000	± 1.2	0 - 30	$\pm 0 - 30$
2000 - 4000	± 2.0	30 - 120	$\pm 0 - 20$
4000 & ABOVE	± 3.0	120 - 400	$\pm 0 - 10$

IS : 2062	-	200	
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TITLE 5	DETAILS OF POSITION: PICK TOP M/B
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CONCLUSIONS

DESIGNED	<i>[Signature]</i>	
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DRAWN	SREENU.P	09-10-2
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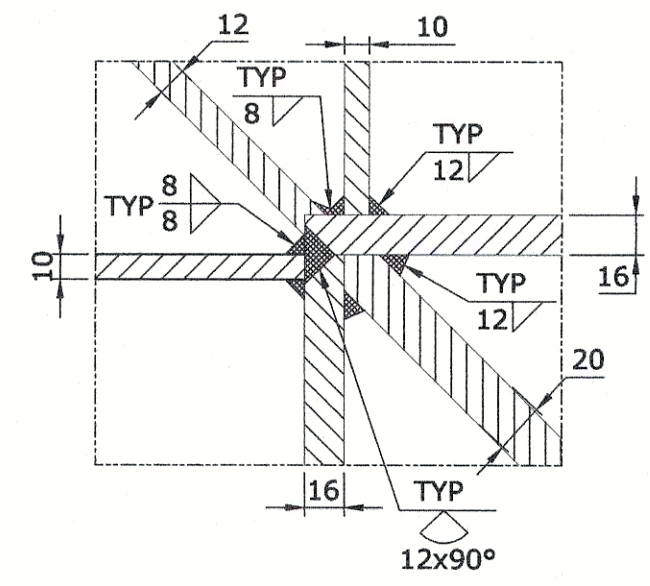
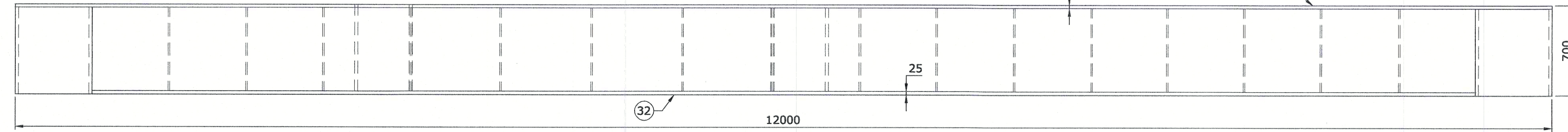
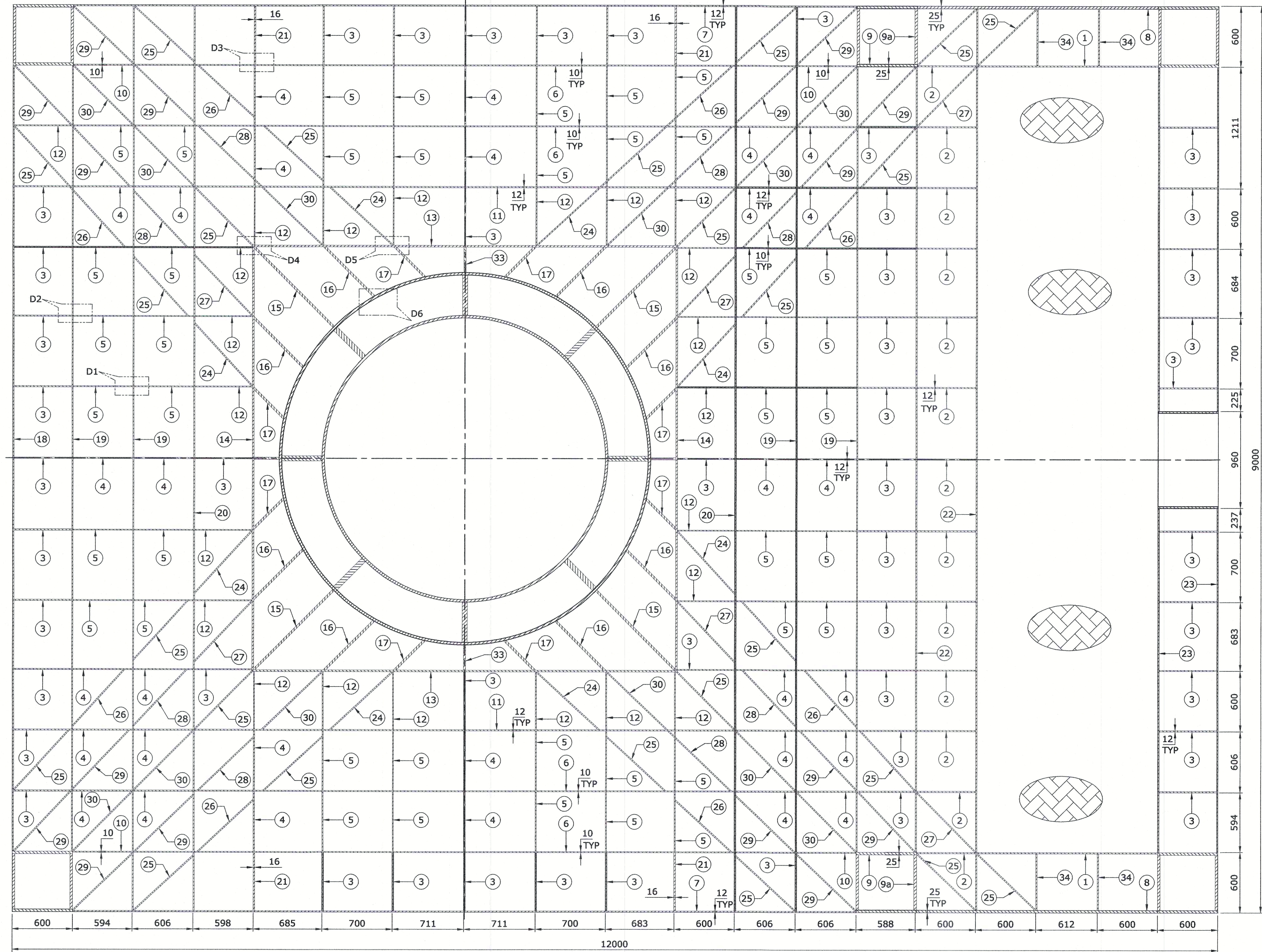
APPROVED		
	SIGN	DATE

GOVERNMENT OF INDIA		F
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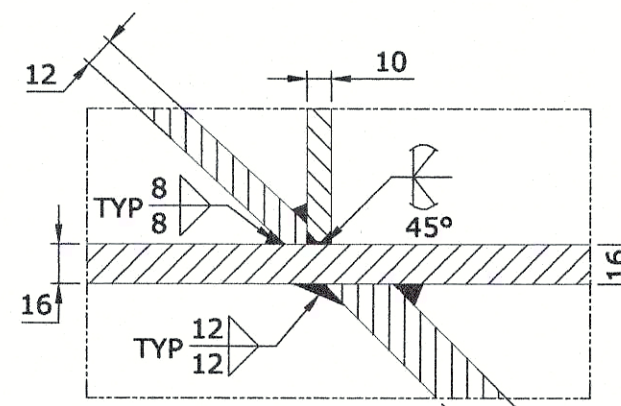
SCALE	DRG. NO.	SH
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SHEET 6

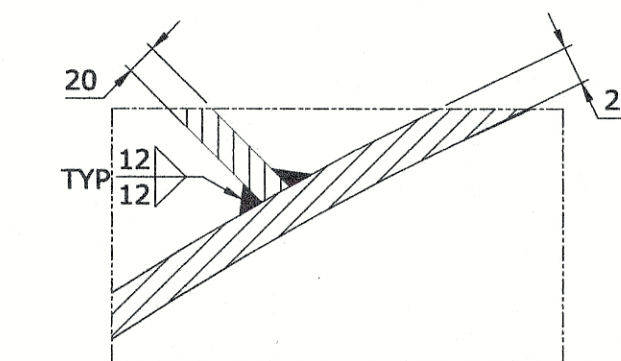
Of 14



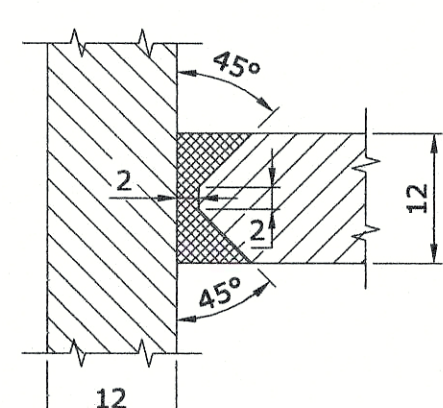
DETAIL : D4



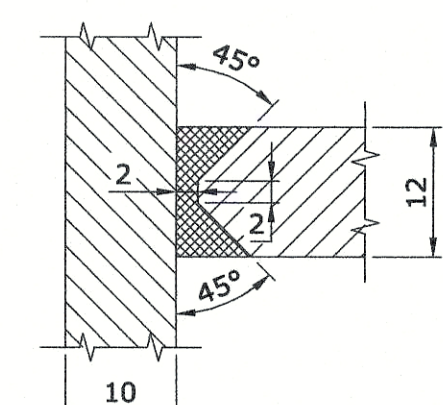
DETAIL : D5



DETAIL : D6



BUTT WELD



BUTT WELD

TOTAL WEIGHT 55239 kg(Approx.)

34	PLATE 665 x 563 x 12Thk	IS : 2062 E250 Gr : B	4	141	
33	PLATE 665 x 250 x 25Thk	IS : 2062 E250 Gr : B	4	131	
32	BOTTOM PLATE 9000 x 8990 x 25Thk	IS : 2062 E250 Gr : B	1	15879	
31	TOP PLATE 9000 x 8990 x 25Thk	IS : 2062 E250 Gr : B	1	15879	
30	PLATE 835 x 665 x 12Thk	IS : 2062 E250 Gr : B	12	628	
29	PLATE 822 x 665 x 12Thk	IS : 2062 E250 Gr : B	16	824	
28	PLATE 773 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	387	
27	PLATE 828 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	415	
26	PLATE 766 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	384	
25	PLATE 810 x 665 x 12Thk	IS : 2062 E250 Gr : B	24	1218	
24	PLATE 845 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	423	
23	PLATE 3420 x 665 x 12Thk	IS : 2062 E250 Gr : B	4	857	
22	PLATE 8950 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1121	
21	PLATE 665 x 578 x 16Thk	IS : 2062 E250 Gr : B	4	193	
20	PLATE 8976 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1125	
19	PLATE 7800 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1629	
18	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	1	489	
17	PLATE 665 x 420 x 20Thk	IS : 2062 E250 Gr : B	8	351	
16	PLATE 697 x 665 x 20Thk	IS : 2062 E250 Gr : B	8	582	
15	PLATE 1110 x 665 x 20Thk	IS : 2062 E250 Gr : B	4	464	
14	PLATE 4200 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	702	
13	PLATE 4232 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	707	
12	PLATE 665 x 572 x 10Thk	IS : 2062 E250 Gr : B	23	687	
11	PLATE 5376 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	674	
10	PLATE 1200 x 665 x 10Thk	IS : 2062 E250 Gr : B	2	125	
9a	PLATE 665 x 550 x 25Thk	IS : 2062 E250 Gr : B	4	287	
9	PLATE 665 x 600 x 25Thk	IS : 2062 E250 Gr : B	4	313	
8	PLATE 2400 x 665 x 25Thk	IS : 2062 E250 Gr : B	2	626	
7	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	977	
6	PLATE 5376 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1123	
5	PLATE 665 x 595 x 10Thk	IS : 2062 E250 Gr : B	41	1273	
4	PLATE 665 x 595 x 12Thk	IS : 2062 E250 Gr : B	30	1118	
3	PLATE 665 x 578 x 12Thk	IS : 2062 E250 Gr : B	51	1847	
2	PLATE 665 x 588 x 12Thk	IS : 2062 E250 Gr : B	39	1437	
1	PLATE 1800 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	226	
S.NO	DESCRIPTION	MATERIAL	QTY	W.T	REMARKS

- NOTES:-
1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
 2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
 3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
 4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
 5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
 6. FINAL MACHINING SHALL BE CARRIED OUT AFTER STRESS RELIEVING.
 7. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATION.

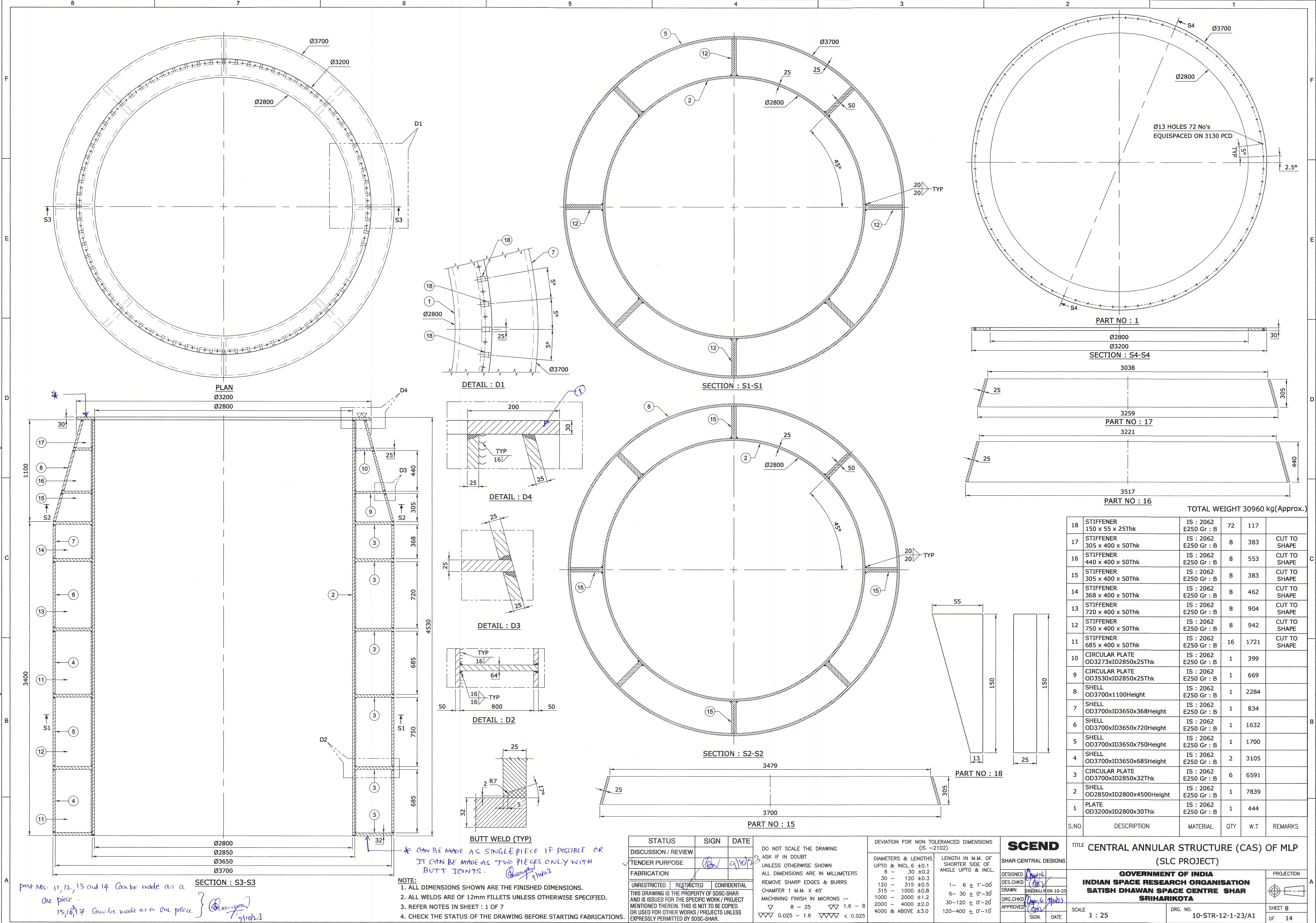
STATUS	SIGN	DATE
DISCUSSION / REVIEW		
TENDER PURPOSE		
FABRICATION		
UNRESTRICTED	RESTRICTED	CONFIDENTIAL
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DO NOT SCALE THE DRAWING
ASK IF IN DOUBT
UNLESS OTHERWISE SHOWN
ALL DIMENSIONS ARE IN MILLIMETERS
REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 8 - 25 ▽ 1.6 - 8
▽▽ 0.025 - 1.6 ▽▽▽ < 0.025

DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)	
DIAMETERS & LENGTHS	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL.
UPTO & INCL 6 ±0.1	1- 6 ± 1-00
6 - 30 ±0.2	6- 30 ± 0-30
30 - 120 ±0.3	30-120 ± 0-20
120 - 315 ±0.5	120-400 ± 0-10
315 - 1000 ±0.8	
1000 - 2000 ±1.2	
2000 - 4000 ±2.0	
4000 & ABOVE ±3.0	

SCEND
SHAR CENTRAL DESIGNS
DESIGNED: [Signature]
DRAWN: [Signature]
DRG.CHECKED: [Signature]
APPROVED: [Signature]
SIGN. DATE

TITLE		DETAILS OF TOP DECK FOR MLP SECTION : S9-S9 (SLC PROJECT)	
GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA		PROJECTION	
SCALE	1 : 25	DRG. NO.	10-STR-12-23/A1
		SHEET	7
		OF	14



part nos. 11, 12, 13 and 14 Can be made as a one piece.
15, 16, 17 Can be made as a one piece

NOTE:
1. ALL DIMENSIONS SHOWN ARE THE FINISHED DIMENSIONS.
2. ALL WELDS ARE OF 12mm FILLETS UNLESS OTHERWISE SPECIFIED.
3. REFER NOTES IN SHEET : 1 OF 7
4. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATIONS.

STATUS	SIGN	DATE	DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)	SCEND	TITLE
DISCUSSION / REVIEW			DIAMETERS & LENGTHS UPTO & INCL 6 ±0.1 6 - 30 ±0.2 30 - 120 ±0.3 120 - 315 ±0.5 315 - 1000 ±0.8 1000 - 2000 ±1.2 2000 - 4000 ±2.0 4000 & ABOVE ±3.0	SHAR CENTRAL DESIGNS	CENTRAL ANNULAR STRUCTURE (CAS) OF MLP (SLC PROJECT)
TENDER PURPOSE			LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL. 1- 6 ± 1'-00 6- 30 ± 0'-30 30-120 ± 0'-20 120-400 ± 0'-10	DESIGNED BY SREENU.P	GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA
FABRICATION				DRAWN BY SREENU.P	PROJECTION
UNRESTRICTED	RESTRICTED	CONFIDENTIAL		APPROVED BY SREENU.P	SHEET 8 OF 14
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				DATE	
				SCALE	
				1 : 25	
				DRG. NO.	
				10-STR-12-1-23/A1	